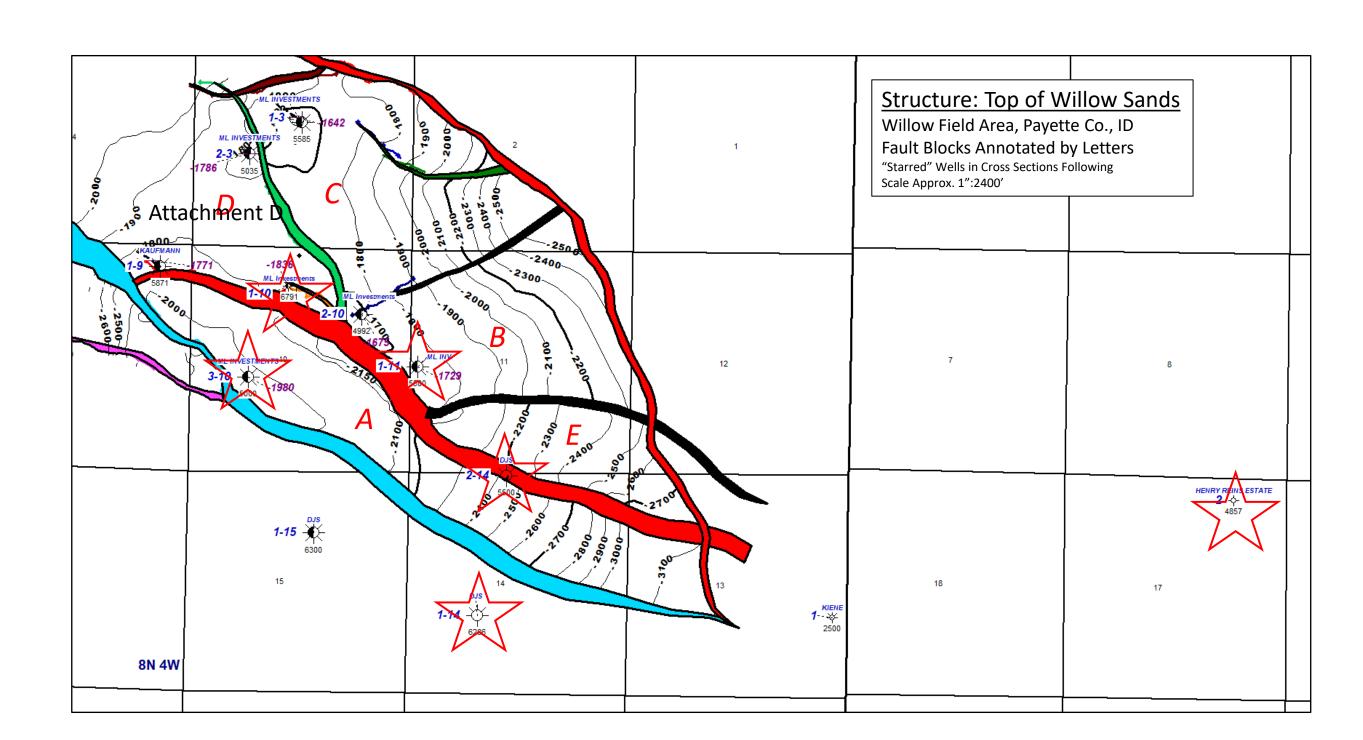
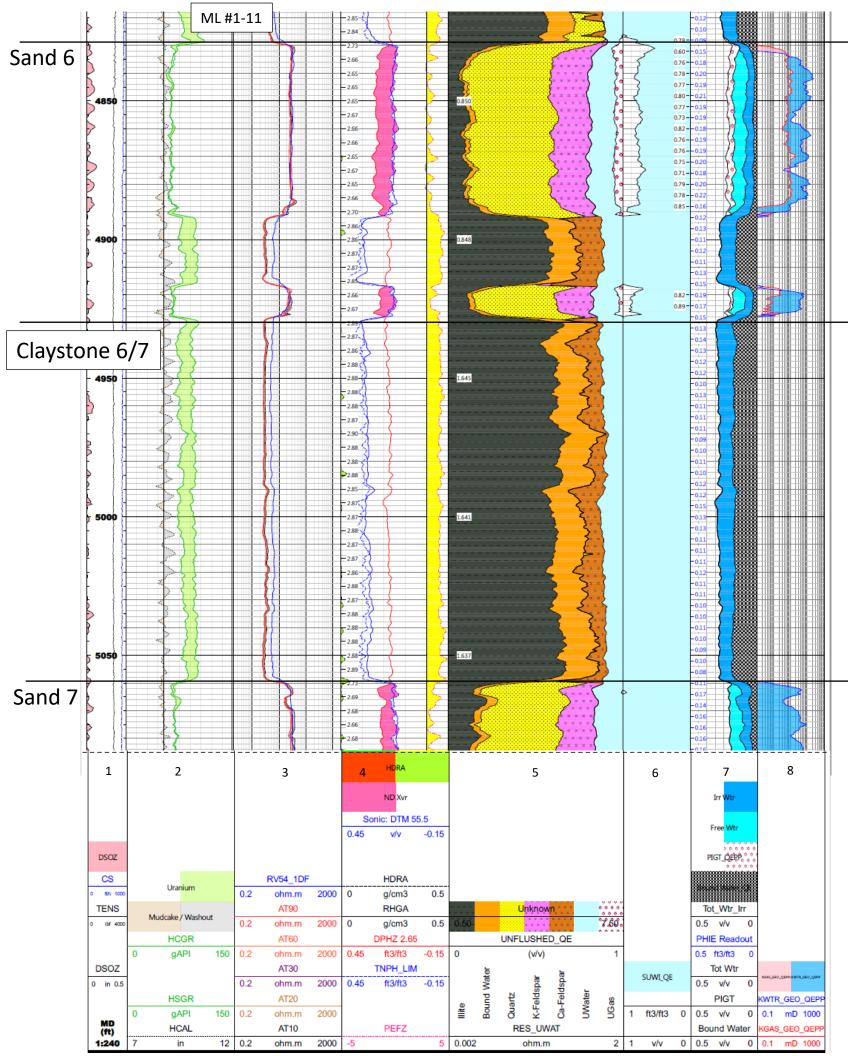
SROG Responses to EPA Questions 1 & 2 of October 29, 2020 Attachment D

Proposed Injection Well: 1. Lower Confining Zone

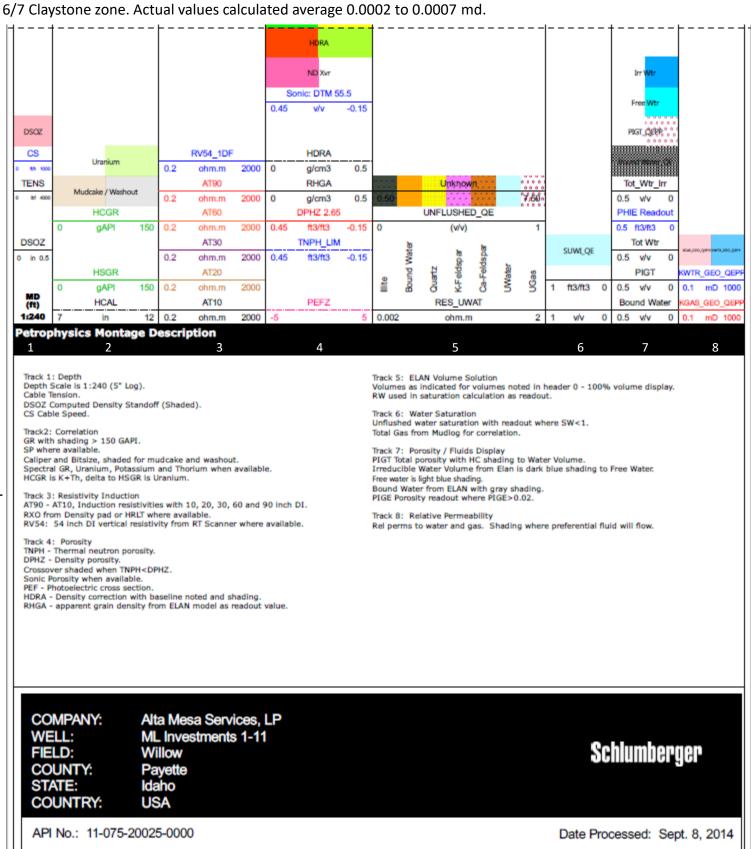
2. Depth to Injection Interval

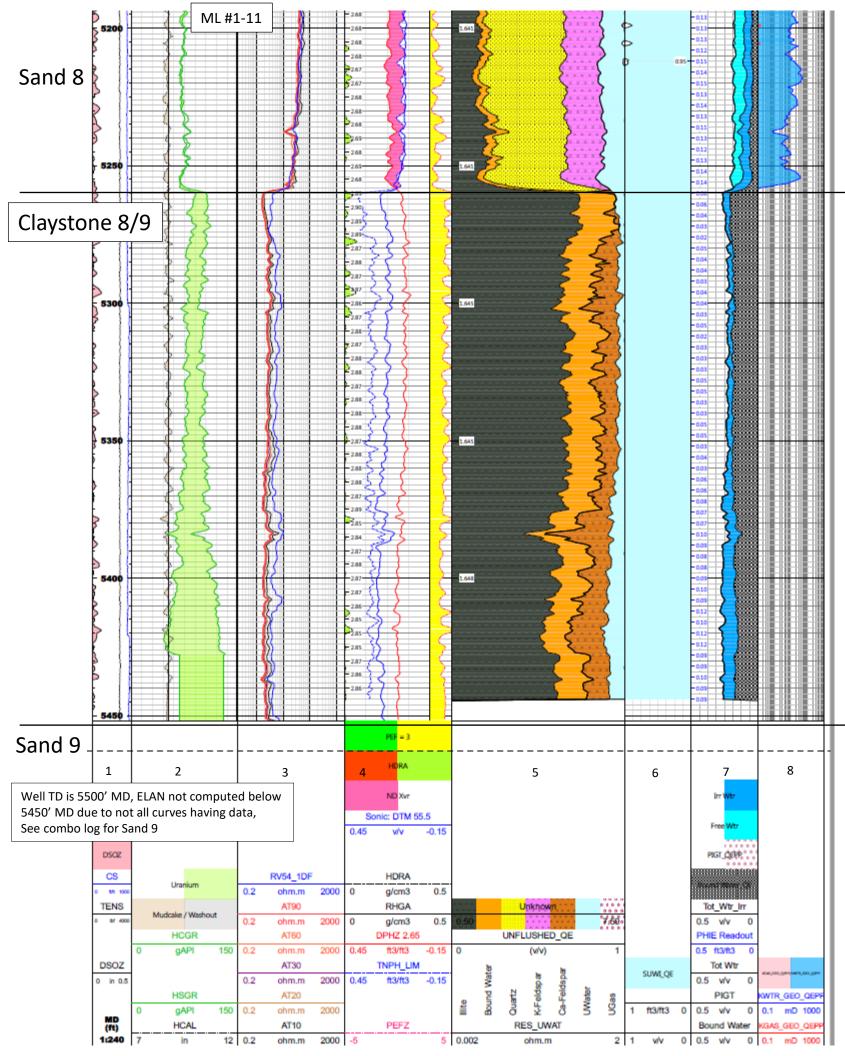




ELAN Processed Log of Claystone 6/7 Lower Confining Zone

The ELAN Log incorporates multiple measured physical properties from the wellbore, including spectral gamma ray, RT Scanner (vertical and horizontally focused electrical induction curves with depths of investigation from 10 to 90 Inches), as well as density, neutron and sonic derived porosity values. These inputs are used to create the petrophysical interpretation shown (left). The log for the 6/7 Claystone Zone (4930' to 5060' MD) is on the left, the right image (below) is of the log "footer" with descriptions of the data presented in each track. Note specifically track 8, which shows that the permeability of the 6/7 Claystone Zone is less than 0.1 millidarcies over the entire 130' thick 6/7 Claystone zone. Actual values calculated average 0.0002 to 0.0007 md.





ELAN Processed Log of Claystone 8/9 Lower Confining Zone

The ELAN Log for the 8/9 Claystone Zone is on the left (5260' to 5452' MD). The right image (below) is of the log "footer" with descriptions of the data presented in each track. As seen on the previous slide, Note specifically track 8, which shows that the Permeability of the 8/9 Claystone Zone is less than 0.1 millidarcies over the entire 192' thick claystone zone. Actual values calculated average 0.000002 to 0.000005 millidarcies.

